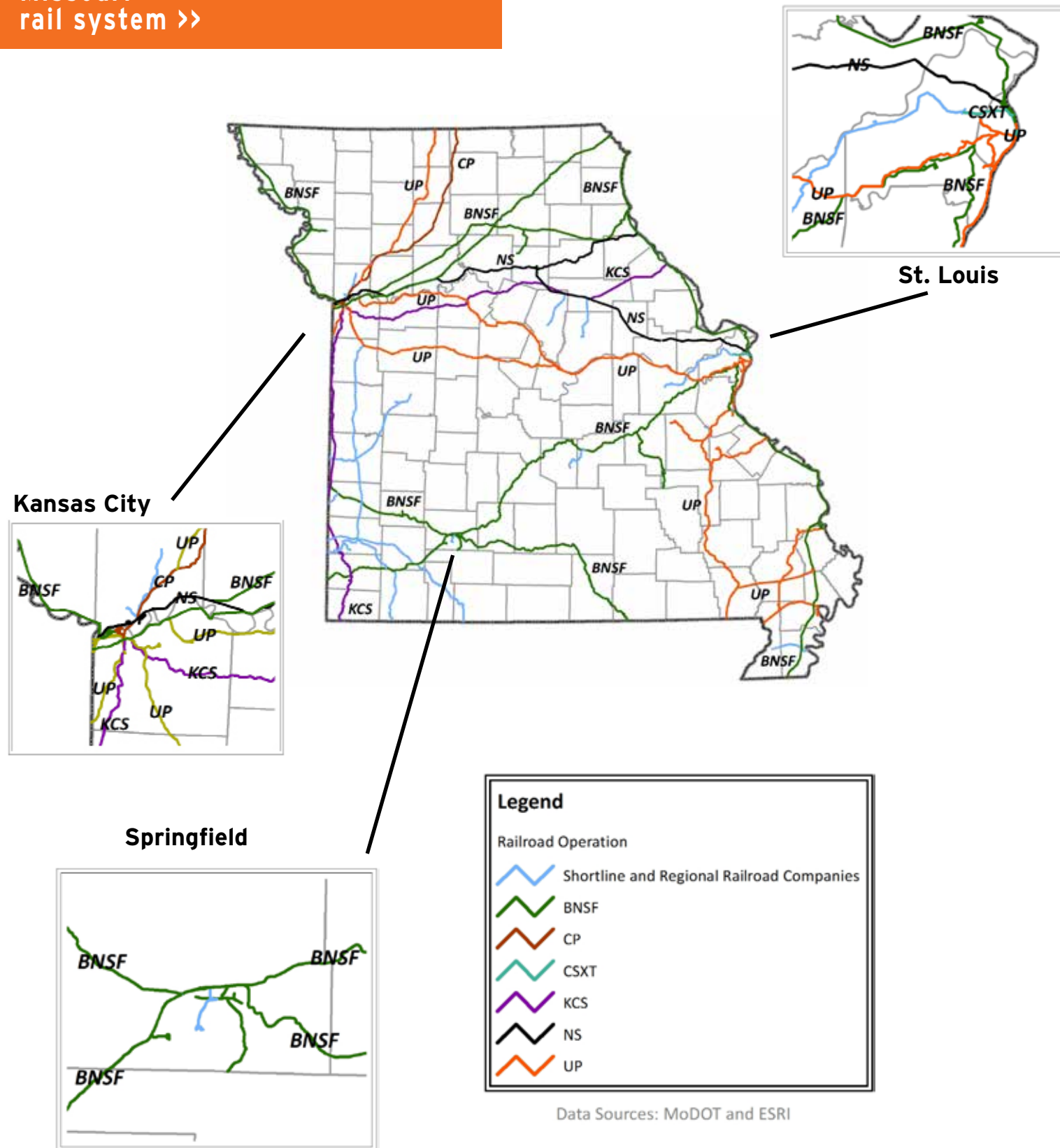


Missouri rail system >>



A Vision for Missouri's Freight Transportation Future >>



Building on MoDOT's long range plan, which established the vision for Missouri transportation, and through collaboration with freight partners, MoDOT has developed a State Freight Plan. The plan describes Missouri's existing freight system, establishes goals and strategies for updating the system over the next 10+ years, and will guide future investments in transportation and prioritize freight projects that will provide the most economic benefits to the state.

Freight is a critical element in the Missouri economy and it's important to have a plan to make sure we keep freight - and the Missouri economy - moving smoothly. Missouri's freight transportation system is how products such as soybeans and aviation parts are transported around the world. Making smart investments can help to provide better options for Missouri businesses to get their products to markets. An improved freight transportation system can also lower transportation costs.

Rail is, and will likely remain for the foreseeable future, the second most used mode for transporting freight in Missouri. With growth in the intermodal freight sector rail will continue to be an important connection between other modes of freight transportation. Currently Kansas City has the second largest rail hub in the country and St. Louis has the third largest rail hub.



Rail

Rail System Fast Facts

- **Six Class I** freight railroads operate **4,218 track miles**
- **Five short line railroads** operate **426 track miles** and **eight switching and regional railroads** operate **178 track miles**
- **Kansas City** is the country's **second largest** rail hub and **St. Louis** is the **third largest**
- Missouri has approximately **5697 public and private at-grade highway-rail crossings**
- Missouri ranks **10th in rail miles** and **4th in rail tons**



For more information
www.MOFreightPlan.org
www.MODOT.org
 1-888-ASK-MODOT (275-6636)

3 top things to know about freight along Missouri's rail system



2 The rail system needs improvements to better handle freight now and into the future.

Key rail issues identified through regional forums >>

- >> Dwindling rail presence in some areas of the state and the effect that reduction has on connectivity and economic development
- >> Aging Mississippi River rail bridge infrastructure in St. Louis
- >> Currently because of regulations and inspections, all refrigerated goods must be shipped through Kansas City, no matter the final goods destination. An inspection facility to meet the regulations is needed in St. Louis.

Top 5 rail system needs >>

- 1 Reduce congestion and build capacity
- 2 Eliminate bottlenecks at the intersection of rail lines, particularly in Kansas City
- 3 Remove at-grade crossings, which are crossings where the railroad tracks and roadways meet at the same level
- 4 Encourage continued use of short line railroads to maintain connections for Class I Railroads and shippers and receives
- 5 Freight network designation to help focus current and future freight investments

3 The freight moving along Missouri rail lines is a valuable commodity.

Rail movements in 2011 totaled **458.1 million tons**, valued at **\$465.0 billion**

Top 5 rail system commodities, by tonnage >>

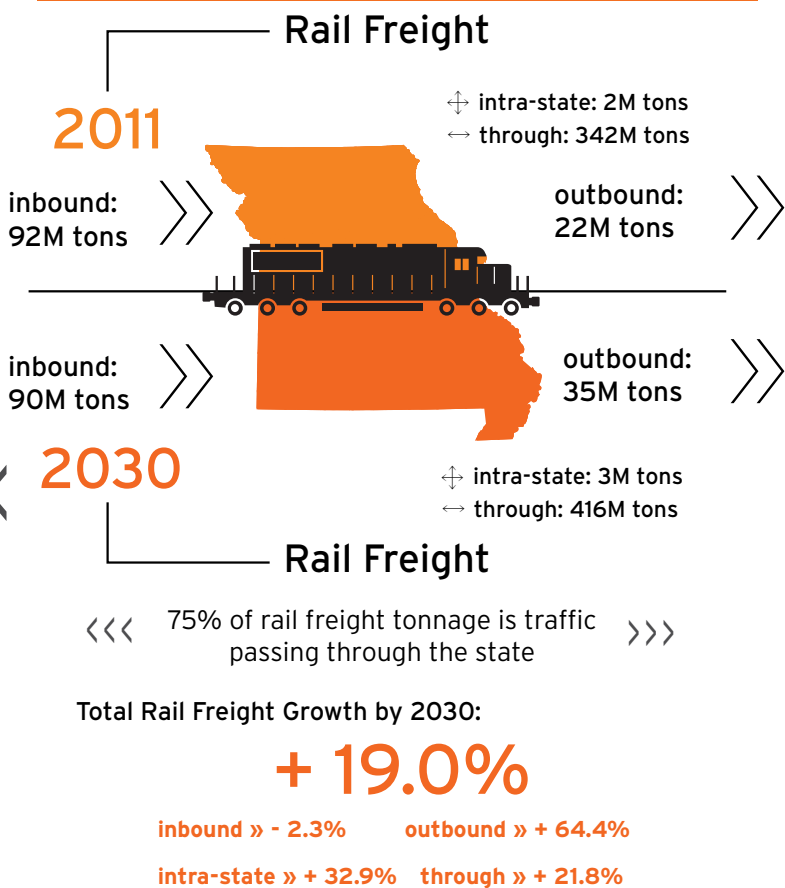
- 1 Coal - 48.9%
- 2 Food and food-related products - 8.6%
- 3 Chemicals or similar products - 8.3%
- 4 Miscellaneous mixed shipments - 8.1%
- 5 Farm products - 7.9%

Rail lines in Missouri>>

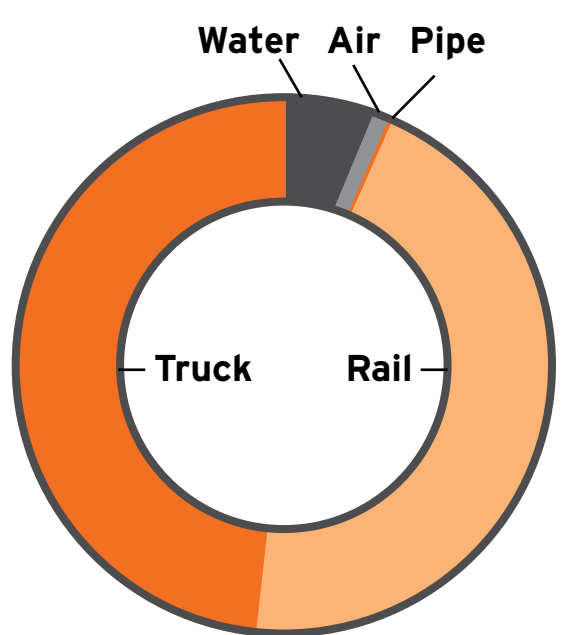
| Class I Railroads in Missouri | MO Miles |
|--|----------|
| BNSF Railway Company | 1,759 |
| CSX Transportation | 13 |
| Kansas City Southern Railway Co. | 396 |
| Norfolk Southern Corporation | 409 |
| Soo Line Railroad Co. (Canadian Pacific) | 144 |
| Union Pacific Railroad Co. | 1,497 |
| Total miles operated by Class 1 Railroad | 4,218 |
| Short Line Railroads in Missouri | MO Miles |
| Arkansas & Missouri Railroad (AMR) | 33 |
| Kaw River Railroad (KRR) | 21 |
| Missouri & Northern Arkansas Railroad (MNA) | 331 |
| Ozark Valley Railroad, Inc. (OVR) | 33 |
| South Kansas & Oklahoma Railroad (SKO) | 8 |
| Total miles operated by Short Line Railroads | 426 |

1 Rail lines are the second most used mode for transporting freight and use will continue to grow.

Tonnage forecast by direction, 2011-2030 >>



Rail movements represented **45% of modal tonnage** in Missouri and **39% of total modal value in 2011**, the second largest relative modal share.



Missouri rail system growth trends >>

- >> Rail tonnage is forecast to increase from 458.1 million tons in 2011 to 545.2 million tons in 2030, an increase of 19%.
- >> Rail commodity value is forecast to increase from \$465.0 billion in 2011 to \$790.6 billion by 2030, an increase of 70%.
- >> The tonnage for inbound coal is expected to decline likely due to reduced usage for power plants.
- >> Greatest rail volume increase is expected on the BNSF line connecting Kansas City and Chicago.